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PALM INTRANET

Inventor Information for 10/511920

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Apple Info Contents Petition Info	Atty/Agent Info Continuity	Data Foreign Dat		
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JS 20050210841 A1	US- PGPUB	20050929	9	Shrink- or stretch- wrapping system for object stack	53/567		Hannen, Reiner
JS 20050115206 A1	US- PGPUB	20050602		Device and method for wrappping unit loads or packaged goods	53/441	53/556	Hannen, Reiner et al.
JS 20040112016 A1	US- PGPUB	20040617		Method for drawing a flat tube of stretch film over a stack of goods items	53/567		Hannen, Reiner et al.
JS 20040107677 A1	US- PGPUB	20040610		Device for wrapping a stack of goods	53/459		Hannen, Reiner et al.
JS 20040107599 A1	US- PGPUB	20040610		Method and device for multi- sided wrapping of irregularly shaped objects	34/666		Vermeulen, Norbert
JS 20040055258 A1	US- PGPUB	20040325		Device and method for introducing projecting elements of a film	53/459	53/567	Hannen, Reiner
JS 20030154693 A1	US- PGPUB	20030821		Method and device for wrapping unit loads or	53/459	53/567	Hannen, Reiner et al.

			packaged			
			goods			
JS 20020007617 A1	US- PGPUB	20020124	System for wrapping large objects	53/466		Hannen, Reiner et al.
JS 6945016 B2	USPAT	20050920	Shrink- or stretch- wrapping system for object stack	53/459	53/377.5; 53/567	Hannen; Reiner
JS 6898868 B2	USPAT	20050531	Wrapping irregularly shaped objects in production line	34/528	219/427; 34/550; 34/560; 53/492	Vermeulen; Norbert
JS 6865865 B2	USPAT	20050315	Apparatus for wrapping a stack of objects	53/567	53/576	Hannen; Reiner et al.
JS 6845600 B2	USPAT	20050125	Method of wrapping an object with an elastic foil	53/459	53/441; 53/567	Hannen; Reiner et al.
JS 6837031 B1	USPAT	20050104	Device for shrinking a shrink-wrap film	53/557	53/385.1; 53/427; 53/441; 53/442	Hannen; Reiner et al.
JS 6532719 B2	USPAT	20030318	System for wrapping large objects	53/466	53/479	Hannen; Reiner et al.
JS 6474051 B1	USPAT	20021105	Apparatus for wrapping a stacked- goods unit with a shrink-foil wrap	53/586	53/556	Hannen; Reiner et al.
JS 6210093 B1	USPAT	20010403	Transfer apparatus	414/226.01	198/468.2; 212/319;	Hannen; Reiner et al.

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					204/97.1.	
			for a		294/87.1; 414/226.05	
			plurality of		414/220.03	
10 5505545 A	TIODAT	19980317	objects Method	242/527	242/526.3;	Hannen; Reiner et al.
JS 5727747 A	USPAT	19980317	and device	242/32/	242/532.5;	Trainien, Remer et al.
					242/532.5,	
			for		242/538;	
			removing a foil		53/381.2;	
			1 - 1		53/492	
			wrapping drawn over		331492	
			a stack of			
			goods			
JS D379910 S	USPAT	19970617	Hand-held	D8/29.1	D8/68	Hannen; Reiner et al.
JS D379910 S	USPAI	19970017	foil-	D0/27.1	D0/00	Tunnon, remoi or an
			shrinking			
			tool			
JS 5471818 A	USPAT	19951205	Shrink	53/442	53/557	Hannen; Reiner
50 5 17 1010 11			wrapping			
•			palletized			
			goods			
JS 5425464 A	USPAT	19950620	Palletizing	212/197	187/404;	Hannen; Reiner W. et
			apparatus		212/323;	al.
					212/333	
JS 5247783 A	USPAT	19930928	System for	53/567	53/556	Hannen; Reiner W.
			wrapping			
			palletized			
			goods		50/000	
JS 5216871 A	USPAT	19930608	System for	53/556	53/399;	Hannen; Reiner W.
		1	wrapping		53/441;	
			palletized		53/588	
TO 5104440 A	TIODAT	10020200	goods Method of	53/399	53/176;	Hannen; Reiner W.
JS 5184449 A	USPAI	19930209	and	33/399	53/441;	Trainien, Remer W.
			apparatus		53/449;	
			for the		53/556;	
			wrapping		53/588	
			of		337300	
			palletized			
			units			
JS 5163264 A	USPAT	19921117	Apparatus	53/64	53/389.2;	Hannen; Reiner
			for		53/389.4;	
			winding a		53/556;	
			stretchable		53/588	
			foil around			
			a stack of			
			articles			

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JS 5156542 Å	USPAT	19921020	Heat gun	431/158	431/114; 431/353; 431/354	Hannen; Reiner et al.
JS 5111528 A	USPAT	19920505	Apparatus for heat shrinking wrapping using electrical air heating	392/379	219/400; 34/215; 53/557	Hannen; Reiner W. et al.
JS 5042235 A	USPAT	19910827	System for shrink-wrapping palletized goods	53/557	53/442	Hannen; Reiner W. et al.
JS 5018339 A	USPAT	19910528	Apparatus for shrink- wrapping palletized goods	53/557	156/499	Hannen; Reiner W. et al.
JS 4877012 A	USPAT	19891031	Apparatus for producing hot gas for the shrinkage of synthetic resin foils	126/99R	432/231; 432/64; 432/65	Hannen; Reiner et al.
JS 4866916 A	USPAT	19890919	Apparatus for shrink- wrapping palletted goods	53/557	53/442; 53/567	Hannen; Reiner et al.
JS 4651508 A	USPAT	19870324	Shrink- wrapping apparatus, especially for stacked articles	53/557	53/442; 53/567	Hannen; Reiner W.
JS 4616471 A	USPAT	19861014	Method of packaging a pallet-supported stack of goods	53/442		Hannen; Reiner W.

JS 4562689 Å	USPAT	19860107	4	Method of and apparatus for shrinking an envelope around a stack of goods	53/434	53/170; 53/442; 53/449; 53/512; 53/557	Hannen; Reiner W.
JS 4548578 A	USPAT	19851022		Burner for generation of a flow of hot gas, especially for shrinking plastic foils	431/350	431/353	Hannen; Reiner W.

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